| Index | of | Cla | ims |
|-------|----|-----|-----|
|-------|----|-----|-----|



| Application/Co | ntrol No. |
|----------------|-----------|
|----------------|-----------|

10/738,411

Examiner

Date

Shengjun Wang

Applicant(s)/Patent under Reexamination

MCKIE ET AL.

Art Unit

1617

Rejected **Allowed** 

(Through numeral) Cancelled

Claim

Restricted

Non-Elected N

Interference

**Appeal** Α

0 Objected

|  |  | <u> </u>   | <u> </u>     |          |              |  | j                  |              |          | L        |
|--|--|--|--------------|----------|--------------|--|--------------------|--------------|----------|----------|
| Cla  | im   | Date   |              |          |              |  |                    |              |          |          |
| Ciè  |  |  |              |          |              |  |                    |              |          |          |
| Final  | Original                                     | 6/4/   |              |          |              |  |                    |              |          |          |
| _  |  | 67   |              |          |              |  |                    |              |          |          |
|  | 1<br>2<br>3<br>4<br>5<br>6                   | V  |              |          |              |  |                    |              |          |          |
|  | 2  | 4  | _            |          | ļ            | _  |                    |              | _        | Ш        |
|  | 3  | <del>                                     </del> | <b> </b> -   | <u> </u> | ļ            |  | <u> </u>           |              | ┡        | Н        |
|  | - 4  | H  | <del> </del> | ├        | <b> </b>     | <del> </del>                                     | _                  |              | -        | Н        |
|  | 6  | ╁  | ├─           | ⊢        |              | ├  |                    |              | $\vdash$ | Н        |
|  | 7  | Ħ  |              |          |              |  |                    |              |          | Н        |
|  | 8  | П  |              |          |              |  |                    |              |          | П        |
|  | 8<br>9<br>10                                 | П  |              |          |              |  |                    | ,            |          |          |
|  | 10   | П  | <u> </u>     | _        | <u> </u>     | L_   |                    |              |          | Ш        |
|  | 11   | ╁  | _            | <u> </u> |              | _  | _                  |              |          | Ц        |
|  | 12   | H  | $\vdash$     | $\vdash$ |              | $\vdash$   | $\vdash$           |              |          | Н        |
|  | 14   | ╁  | -            | $\vdash$ | -            | -  | $\vdash$           | -            |          | Н        |
|  | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 |  |              | H        |              |  |                    |              | $\vdash$ | Н        |
|  | 16   | 苴  |              |          |              |  |                    |              |          |          |
|  | 17   | $\prod$  |              |          |              |  |                    |              |          |          |
|  | 18   | Ш  | <u> </u>     |          |              | <u> </u>   | <u> </u>           | <u> </u>     |          | Ш        |
|  | 19   | Н  |              | <u> </u> | ļ            |  |                    | _            |          | Ц        |
|  | 20   | ₩  | ⊨            | ├-       | _            |  |                    | <u> </u>     | -        | Н        |
|  | 20<br>21<br>22<br>23<br>24                   | 7  | <b>/</b>     | $\vdash$ |              |  |                    |              | -        | $\vdash$ |
| <u> </u>   | 23   | Ŋ  | ┢            | $\vdash$ |              | $\vdash$   | $\vdash$           | $\vdash$     | -        | Н        |
|  | 24   | V  |              |          |              |  |                    |              |          | П        |
|  | 25<br>26<br>27                               | v  |              |          |              |  |                    |              |          |          |
|  | 26   | $   \angle $                                     | _            |          |              |  | _                  | <u> </u>     | ļ        | Щ        |
|  | 27   |  | <u> </u>     | _        | <u> </u>     |  | _                  | <u> </u>     | -        | Н        |
|  | 28<br>29                                     |  | <del> </del> | -        | <del> </del> |  |                    |              |          | Н        |
|  | 30   |  |              | $\vdash$ | $\vdash$     |  | _                  | <del> </del> | -        | Н        |
|  | 31   |  | $\vdash$     | _        |              | -  | $\vdash$           | H            |          | Н        |
|  | 31<br>32                                     |  |              |          |              |  |                    |              |          |          |
|  | 33   |  |              |          |              |  | $oxedsymbol{oxed}$ |              |          |          |
|  | 34   | <del> </del>                                     | _            | _        |              |  | <u> </u>           | <u> </u>     | <u> </u> | Щ        |
| <u> </u>   | 35<br>36                                     | -  |              | _        | ┝            |  | ├-                 | <del> </del> | $\vdash$ | Н        |
|  | 37   | <del>  -</del>                                   | -            | $\vdash$ | $\vdash$     |  | $\vdash$           | $\vdash$     | $\vdash$ | Н        |
|  | 38   |  |              | $\vdash$ | H            | <del>                                     </del> | $\vdash$           |              |          | Н        |
|  | 39   |  |              |          |              |  |                    |              |          |          |
|  | 40   |  |              |          |              |  |                    |              |          |          |
| <u>                                     </u>     | 41   | <u> </u>   |              | _        |              |  | <u> </u>           | _            | _        | Ш        |
|  | 42<br>43                                     | <u> </u>   | _            | _        |              | <u> </u>   | <u> </u>           |              | $\vdash$ | Н        |
| <del>                                     </del> | 44   | -  |              |          |              | $\vdash$   | <u> </u>           | <del> </del> | -        | H        |
|  | 45   |  | _            |          | -            | -  | -                  | $\vdash$     | $\vdash$ | Н        |
|  | 46   |  |              |          | П            |  |                    | _            |          | Н        |
|  | 47   |  |              |          |              |  |                    |              |          |          |
|  | 48   |  |              |          |              |  |                    |              |          |          |
|  | 49   | Ш  |              | _        | _            | L  | _                  |              |          | Щ        |
|  | 50   | <u> </u>   | Ĺ            |          |              |  |                    |              |          | Ш        |

| Final    | Original       |          | ,        |          |          |   |         |        |          |          |
|----------|----------------|----------|----------|----------|----------|---|---------|--------|----------|----------|
| -        |                | _        |          |          |          |   | -       |        | <u> </u> | _        |
| <u> </u> | 51<br>52<br>53 |          |          |          | _        |   |         |        | _        |          |
| <u> </u> | 52             |          | ļ        |          | <u> </u> |   |         |        | _        | <u> </u> |
|          | 53             | _        |          | _        |          |   |         | _      | _        |          |
| <u> </u> | 54<br>55       |          |          |          | Ŀ        |   |         | _      | _        |          |
| <u> </u> | 55             | L        |          | _        | _        |   | _       |        | _        | _        |
|          | 56             | L        |          | L        |          |   | <u></u> |        | ļ        | _        |
| <u> </u> | 57             | _        |          |          |          |   | _       |        |          |          |
|          | 58<br>59       | <u> </u> | <u> </u> |          |          | _ |         |        | <u> </u> | <u> </u> |
| <u> </u> | 59             | L        |          | _        |          |   |         | _      |          | <u> </u> |
|          | 60             |          |          |          |          |   |         |        |          |          |
|          | 61<br>62<br>63 | <u></u>  | <u> </u> | <u> </u> |          |   |         |        | <u> </u> |          |
|          | 62             | <u></u>  |          | <u> </u> | L        |   |         |        | <u> </u> |          |
|          | 63             | <u> </u> | L        | <u> </u> |          |   |         |        |          |          |
|          | 64             |          |          |          |          |   |         |        |          |          |
|          | 64<br>65       |          |          |          |          |   |         |        |          |          |
|          | 66<br>67       |          |          |          |          |   |         |        |          | L        |
|          | 67             |          |          |          |          |   |         |        |          |          |
|          | 68             |          |          |          |          |   |         |        |          |          |
|          | 69             |          |          | П        |          |   |         |        |          |          |
|          | 70             |          |          |          |          |   |         |        |          |          |
|          | 71             |          |          | T        |          |   |         |        |          |          |
|          | 72             |          |          |          |          |   |         |        |          |          |
|          | 73             |          |          |          |          | Г |         |        |          |          |
|          | 72<br>73<br>74 |          |          |          |          |   |         |        |          |          |
|          | 75<br>76<br>77 |          |          |          |          |   |         |        |          | -        |
|          | 76             |          |          |          | Γ        |   |         |        |          |          |
|          | 77             |          |          |          | Г        |   |         |        |          |          |
|          | 78             |          |          |          |          |   |         |        |          |          |
|          | 78<br>79       |          |          |          |          |   |         |        |          |          |
|          | 80             |          |          |          | _        |   |         |        |          |          |
|          | 81             |          |          |          |          |   |         |        |          |          |
|          | 82             |          |          |          |          |   |         |        |          |          |
|          | 81<br>82<br>83 |          |          |          |          |   |         |        |          |          |
|          | 1 '84          |          |          |          |          |   |         | _      |          |          |
|          | 85             |          |          |          |          |   |         |        |          |          |
|          | 86             |          |          |          |          |   |         |        |          |          |
|          | 87             |          |          |          |          |   |         |        |          |          |
|          | 88             |          |          |          |          |   |         |        |          |          |
|          | 89             |          |          |          |          |   |         |        |          |          |
|          | 90             |          |          |          |          |   |         |        |          |          |
|          | 91             |          |          |          |          |   |         |        |          |          |
|          | 92             | Г        |          |          |          |   | Г       | $\Box$ |          |          |
|          | 93             |          |          |          |          |   | $\Box$  |        |          |          |
|          | 94             |          |          |          |          |   |         |        |          |          |
|          | 95             |          |          |          |          |   |         |        |          |          |
|          | 96             |          |          |          |          |   |         |        |          |          |
|          | 97             |          |          |          |          |   |         |        |          |          |
|          | 98             |          |          |          |          |   |         |        |          |          |
|          | 99             |          |          |          |          |   |         |        |          |          |
|          | 100            |          |          |          |          |   |         |        |          |          |

| Cla   | aim  |              |   |              |              | Date         |  |              |  |              |
|-------|--|--------------|---|--------------|--------------|--------------|--|--------------|--|--------------|
|       |  |              |   |              |              |              |  |              |  |              |
| ल     | Original   |              | 1   |              |              |              |  |              |  |              |
| Final | ij   |              |   |              |              | l            |  |              |  |              |
| _     | Ō  |              |   |              |              |              | I  |              |  |              |
|       | 101  | <del> </del> | ┝   | <del> </del> | -            |              |  |              | -  |              |
|       | 101<br>102   | -            |   | $\vdash$     |              | _            |  |              |  | $\vdash$     |
|       | 103  |              | _   | _            |              |              |  |              |  |              |
|       | 103  |              | ├—  |              | <u> </u>     |              |  | <del> </del> | -  |              |
|       | 104<br>105<br>106  |              |   | ├—           | -            | _            | _  |              |  | H            |
|       | 105  |              |   | <del> </del> | <u> </u>     |              | _  |              |  |              |
|       | 106  | _            | _   | <u> </u>     | _            |              |  |              |  |              |
|       | 107<br>108   | _            | <u> </u>  | <u> </u>     | _            |              |  |              |  |              |
|       | 108  | <u> </u>     | _   | <u> </u>     |              |              | <u> </u>   | _            |  | $oxed{oxed}$ |
|       | 109  |              |   | _            |              |              |  |              |  |              |
|       | 110  |              |   | _            | <u> </u>     |              |  | <u> </u>     |  |              |
|       | 109<br>110<br>111  | <u> </u>     | $ldsymbol{le}}}}}}$ |              |              | <u> </u>     |  | <u> </u>     | _  |              |
|       | 112  |              |   |              |              | L            | <u> </u>   | <u>L</u>     |  |              |
|       | 113  |              |   |              |              |              | <u> </u>   |              |  |              |
|       | 114  |              |   |              |              |              |  | Ĺ            |  |              |
|       | 115  |              | L   |              |              |              |  | Ĺ            |  |              |
|       | 116  |              |   |              |              |              |  |              |  |              |
|       | 112<br>113<br>114<br>115<br>116<br>117<br>118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131 | I            |   | Γ            |              |              |  |              |  |              |
|       | 118  |              |   |              |              |              |  |              |  |              |
|       | 119  | _            | _   | _            |              |              |  |              |  |              |
|       | 120  |              |   | _            |              |              |  |              |  |              |
|       | 121  | _            | <del> </del>  | -            | -            | <u> </u>     | <del>                                     </del> |              |  | H            |
|       | 122  |              |   |              | $\vdash$     |              |  |              | <del>                                     </del> |              |
|       | 123  |              |   | $\vdash$     | $\vdash$     |              |  | $\vdash$     |  |              |
|       | 124  |              |   | $\vdash$     | $\vdash$     | $\vdash$     |  |              | $\vdash$   | $\vdash$     |
|       | 125  |              |   | $\vdash$     | $\vdash$     |              |  | -            | <del>                                     </del> |              |
|       | 126  |              |   | ├            | ┝            | <del> </del> | -  | <del> </del> | <del> </del>                                     |              |
|       | 127  | $\vdash$     |   | $\vdash$     | $\vdash$     | $\vdash$     |  | $\vdash$     | $\vdash$   | H            |
|       | 120  | <u> </u>     | -   | ┝            |              | H            |  | _            | $\vdash$   |              |
| -     | 120  | ┝            |   | -            | ├─           | $\vdash$     | $\vdash$   |              |  | $\vdash$     |
|       | 129  |              |   | -            | <del> </del> |              | _  |              | _  | ·            |
|       | 130  |              | _   | ⊢            | $\vdash$     | Н            | _  | $\vdash$     |  | _            |
|       | 131  |              |   | _            | $\vdash$     | $\vdash$     | _  | $\vdash$     |  | -            |
|       | 132<br>133<br>134  |              |   | -            | <u> </u>     | $\vdash$     | _  | <u> </u>     | <u> </u>   | $\vdash$     |
|       | 133  | <u> </u>     | <u> </u>  | <u> </u>     | <u> </u>     | $\vdash$     | <u> </u>   | -            | <u> </u>   | <b> </b>     |
|       | 134  | <del> </del> |   | <u> </u>     | -            | $\vdash$     | _  | <u> </u>     | <u> </u>   | _            |
|       | 135<br>136   | <u> </u>     |   | -            | _            | $\vdash$     |  | <u> </u>     | <u> </u>   |              |
|       | 130  | $\vdash$     |   |              |              |              | <u> </u>   | <u> </u>     | _  | $\vdash$     |
| -     | 137  |              | <u> </u>  | -            | _            | $\vdash$     | _  | _            | _  | $\vdash$     |
|       | 138  | <u> </u>     | <u> </u>  |              | <u> </u>     | $\vdash$     | _  | <u> </u>     | <u> </u>   | $\vdash$     |
|       | 139  | $\vdash$     | H   |              | <u> </u>     | $\vdash$     | <u> </u>   | <u> </u>     | <u> </u>   |              |
|       | 140  |              |   |              |              | <u> </u>     |  |              |  |              |
|       | 141  | <u> </u>     | <u> </u>  | Ш            | L            | Ш            | إسا  | <u> </u>     | L  | Щ            |
|       | 142  | _            |   |              | Ш            |              |  | Ш            |  | Ш            |
|       | 143  |              |   |              | Ш            | Ш            |  | Ш            |  |              |
|       | 144  |              |   |              | Ш            |              |  |              |  |              |
|       | 145  |              |   |              | $oxed{oxed}$ |              |  |              |  |              |
|       | 146  |              |   |              |              |              |  |              |  |              |
|       | 147  |              |   |              |              |              |  |              |  |              |
|       | 148  |              |   |              |              |              |  |              |  |              |
|       | 149  |              |   |              |              |              |  |              |  |              |
|       | 150  |              |   |              |              |              | -  |              |  |              |
|       |  |              |   | _            |              |              |  |              |  |              |